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LOCATE WELL CORRECTLY

U. S. LAND OFFICE  
SERIAL NUMBER **LC-061936**  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **TEXACO Inc.** Address **P.O. Box 726, Hobbs, New Mexico**  
Lessor or Tract **Cotton Draw Unit** Field **Paduca Delaware** State **New Mexico**  
Well No. **53** Sec. **10** T. **25** S. R. **32** E. Meridian **NM PM** County **Lea**  
Location **650** ft. **(N)** of **N** Line and **550** ft. **(E)** of **W** Line of **Sec. 10** Elevation **3481**  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
Signed \_\_\_\_\_

Date **7-15-63** Title **Assistant District Superintendent**

The summary on this page is for the condition of the well at above date.  
Commenced drilling **May 31**, 19 **63** Finished drilling **June 9**, 19 **63**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

Drilled with rotary tools. **IMPORTANT WATER SANDS** Nowater sands tested.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose      |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----|--------------|
|             |                 |                  |      |        |              |                     | From—      | To— |              |
| 7.5/8       | 15.28           | 8                | New  | 360    | Howco        | NONE                |            |     | Surface      |
| 4.1/2       | 9.5             | 8                | New  | 4899   | Howco        | NONE                |            |     | Intermediate |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |
|             |                 |                  |      |        |              |                     |            |     |              |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 7.5/8       | 372       | 250                    | Haliburton  |             |                    |
| 4.1/2       | 4909      | 150                    | Haliburton  |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

**July 15**, 19 **63** Put to producing **Hold for SWD**, 19 \_\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**Bob Moore**, Driller **Tom Jones**, Driller  
**Paul Lane**, Driller **W. E. Henry**, Driller

FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION         |
|-------|------|------------|-------------------|
| 0     | 205  | 205        | Caliche           |
| 205   | 1090 | 885        | Redbed            |
| 1090  | 1590 | 500        | Redbed and Shells |
| 1590  | 2990 | 1400       | Anhy. and Salt    |
| 2990  | 3197 | 207        | Anhy. and Gyp     |
| 3197  | 4776 | 1579       | Anhy.             |
| 4776  | 4910 | 134        | Sand and Anhy.    |
| 4910  | T.D. |            |                   |

All measurements from the rotary table or 8' above ground level.

FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION                                                                                                                                                                                                                                                                                |
|-------|-----|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |     |            | Core #1 - From 4673' - 4725'<br>Lime and sand - 100% recovered<br>Core #2 - From 4725' - 731'. Recovered<br>50% sand, 50% recovered shows. 100%<br>recovery.<br>Formation tops:<br>Top Anny. 778'<br>Top Salt 950'<br>Base Salt 4440'<br>Top Lamar Lime 4566'<br>Top Delaware Sand 4667' |

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL